A/B, IV, 292, 2

[redacted] C

[redacted] interests include drug addiction, drug tolerance, analgesia, anesthesia, respiratory physiology, and pharmacology of the central nervous system.

[redacted] misc. chemicals which have been found to temporarily or permanently destroy specific portions of the nervous system. Kete Xenidon is one such drug. It is used in [redacted] to some extent in the treatment of drug addicts----Misentil is a related compound with effects which suggest a similar action. These compounds are ordinarily introduced by injection, although they would probably be effective if given as an aerosol. 3-amino quinolines will destroy specific centers of the brain. He suggested investigating compounds which have been tested for anti-malarial activity in order to find more about compounds which effect specific portions of the nervous system. He mentioned [redacted] in this connection. [redacted] is now writing a monograph on anti-malarial compounds. F C

If monkeys are exposed to heavy and repeated doses of ethylene oxide they lose the function of their spinal chord, but the normal function returns after removal from the gas. Accidental human poisonings have indicated a similar effect from ethylene oxide.

[redacted] said they have recently received some material called myanesine. He was not certain about its chemical composition, but it was made from [redacted] plant and is used as an insecticide or rodenticide (he wasn't sure which) in [redacted] If 100 microgrames/kg are given orally to a dog it produces muscular spasms of long duration. The spasms begin fairly immediately. This material is being investigated [redacted] at the present time. They are also working on methadels. Some of these compounds produce an extended (36 to 48 hrs.) loss of consciousness and reversible paralysis. In monkeys there is no apparent effect from compounds until a couple of hours or so after the drug is given. [redacted] said the [redacted] has worked on some of the clinical aspects of the methadels, but has had some difficulties, so it is not certain whether he will continue this line of investigation. [redacted] was mentioned as another possibility for work on methadels. [redacted] felt that biochemical studies would yield results in this field. C

In the field of chemicals which produce mental derangement, [redacted] doubted that anything would be found superior to LSD. He doubts that mescaline will prove of much value. He questions the value of cannibinol compounds in [redacted] In this field. He said that nicotinic intoxication is probably due to nicotine, & that prostigmine would probably give similar results. C

[redacted]

[redacted]

[redacted] wondered if methyl bromide would be of value in guerrilla type warfare. He pointed out it is an odorless gas and is quite potent.

[redacted] would be happy to do work for us in his spec. fields of interest. He is interested primarily in animal work and is not equipped to synthesize organic chemicals. [redacted] presently has contract with [redacted]

[redacted]

[redacted]